

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126482.D
 Acq On : 4 Jan 2022 22:41
 Operator : JU/CG
 Sample : M5338-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10)

Quant Time: Jan 05 02:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

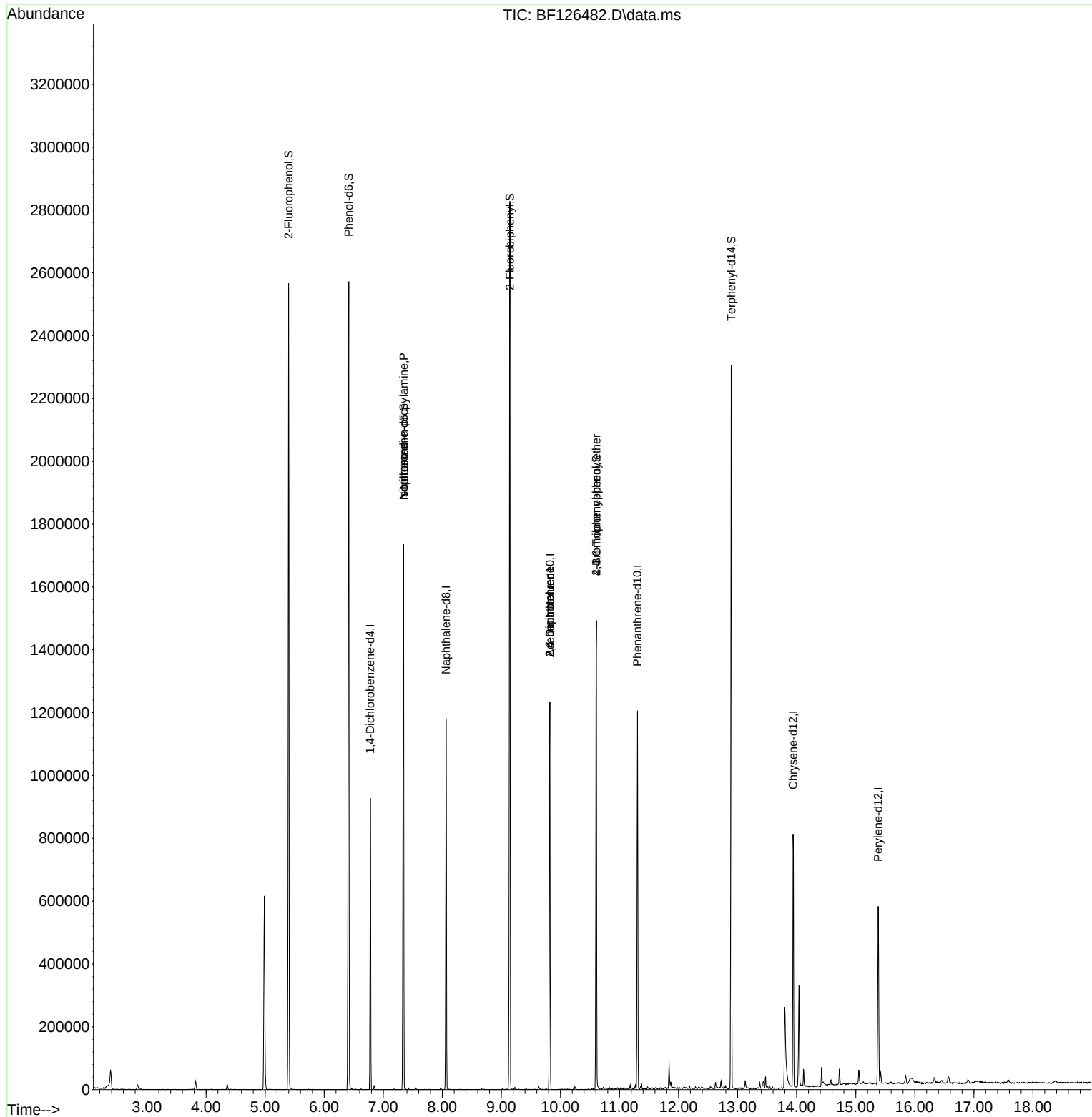
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	125844	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	526843	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	249924	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	398972	20.000	ng	0.00
76) Chrysene-d12	13.939	240	271452	20.000	ng	-0.01
86) Perylene-d12	15.380	264	223367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	742145	84.689	ng	0.00
7) Phenol-d6	6.416	99	948869	83.600	ng	0.00
23) Nitrobenzene-d5	7.345	82	618505	60.280	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	182180	94.331	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	899477	63.333	ng	0.00
79) Terphenyl-d14	12.892	244	802815	57.462	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	77369	11.946	ng	# 79
25) Isophorone	7.345	82	618357	33.665	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	32051	9.512	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	32051	7.373	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	10009	2.826	ng	# 1
77) Benzidine	12.892	184	10129	Below Cal		# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126482.D
Acq On : 4 Jan 2022 22:41
Operator : JU/CG
Sample : M5338-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10)

Quant Time: Jan 05 02:02:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

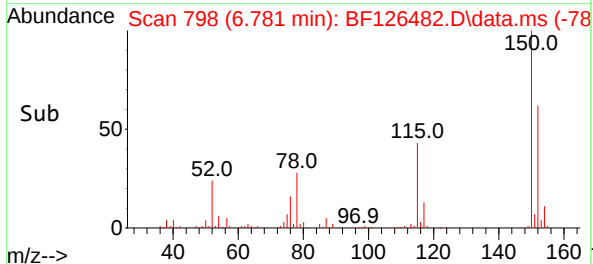
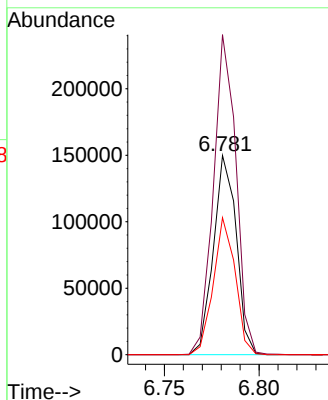
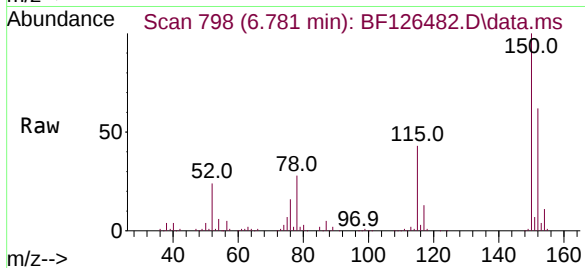




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126482.D
 Acq: 4 Jan 2022 22:41

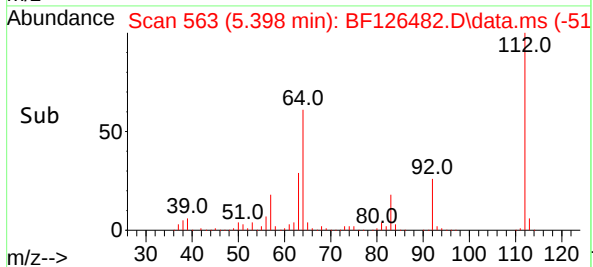
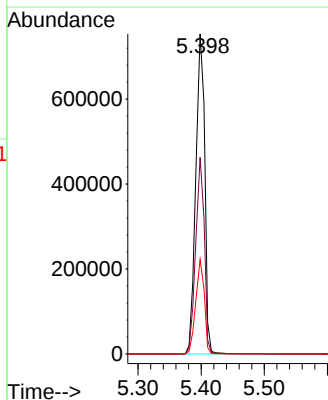
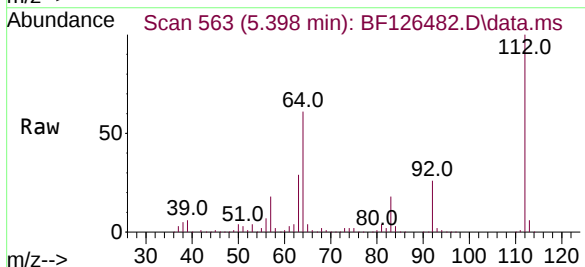
Instrument :
 BNA_F
 ClientSampleId :
 SB-6(9.5-10)

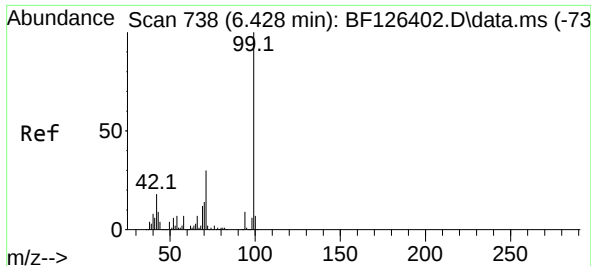
Tgt Ion:152 Resp: 125844
 Ion Ratio Lower Upper
 152 100
 150 160.6 128.1 192.1
 115 68.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 84.689 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF126482.D
 Acq: 4 Jan 2022 22:41

Tgt Ion:112 Resp: 742145
 Ion Ratio Lower Upper
 112 100
 64 61.4 49.5 74.3
 63 29.5 23.9 35.9

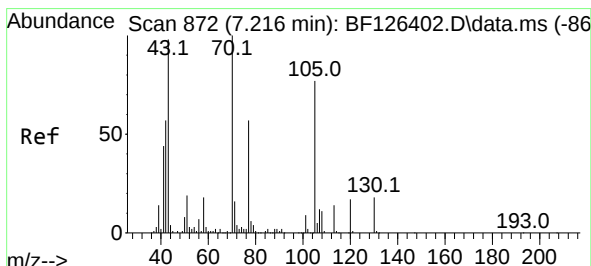
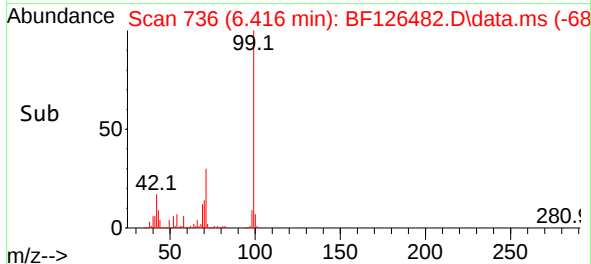
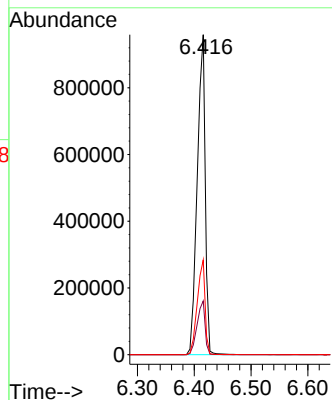
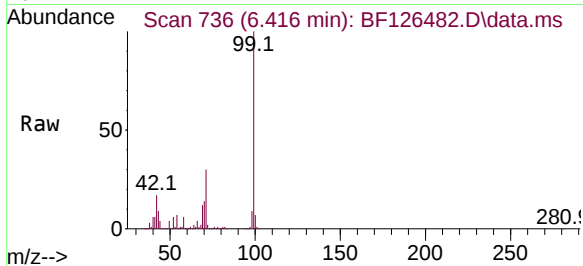




#7
Phenol-d6
Concen: 83.600 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

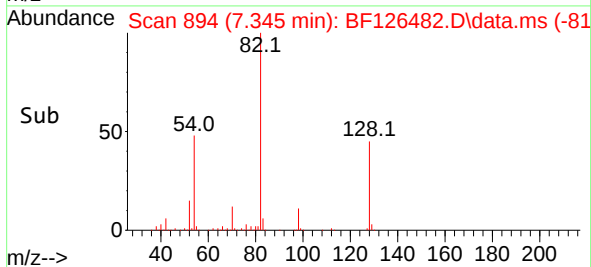
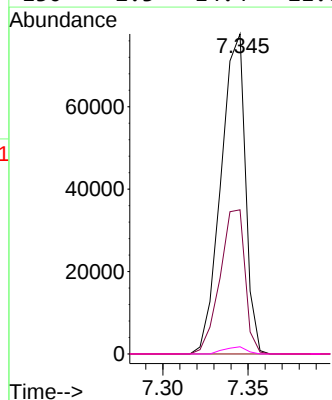
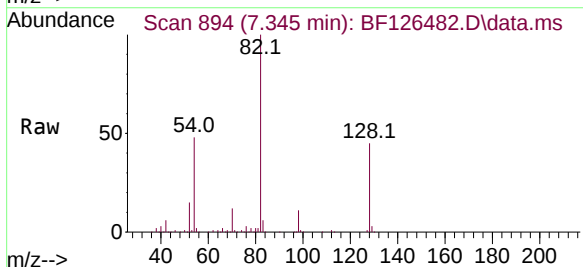
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10)

Tgt Ion: 99 Resp: 948869
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 29.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.946 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

Tgt Ion: 70 Resp: 77369
Ion Ratio Lower Upper
70 100
42 45.1 45.8 68.8#
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#



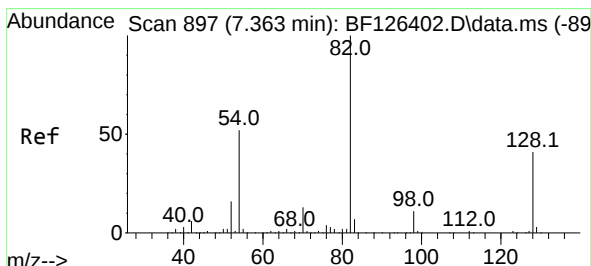
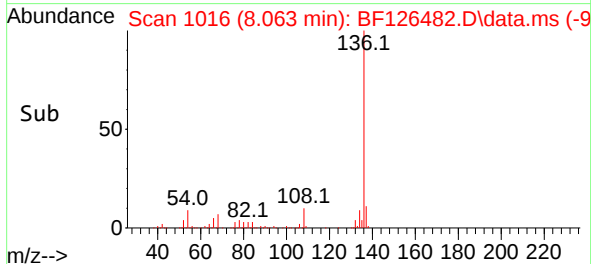
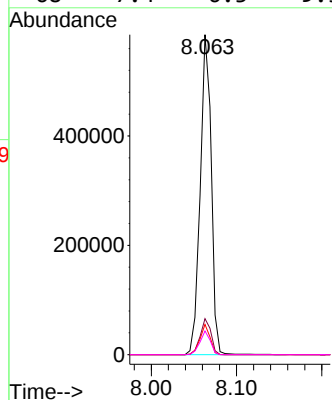
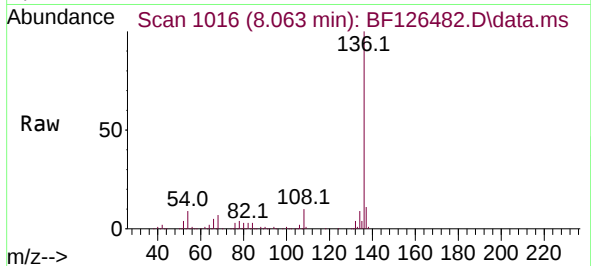


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10)

Tgt Ion:136 Resp: 526843

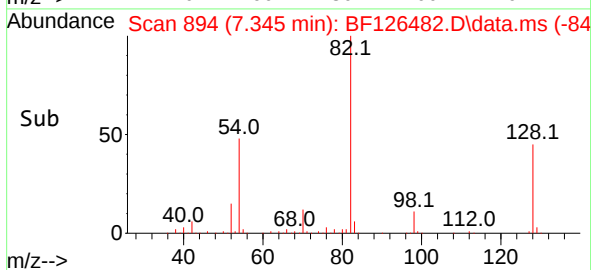
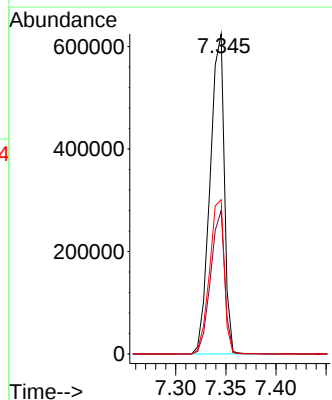
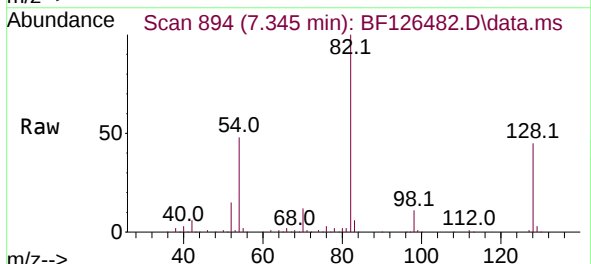
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.4	7.8	11.6
68	7.4	6.3	9.5

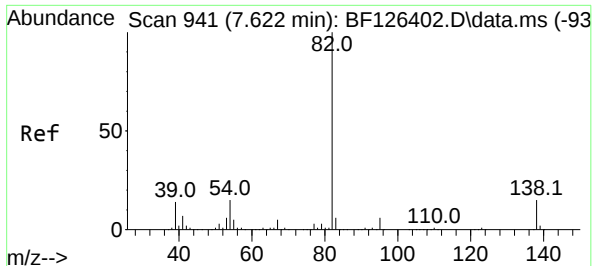


#23
Nitrobenzene-d5
Concen: 60.280 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

Tgt Ion: 82 Resp: 618505

Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.7	49.1
54	48.2	41.7	62.5

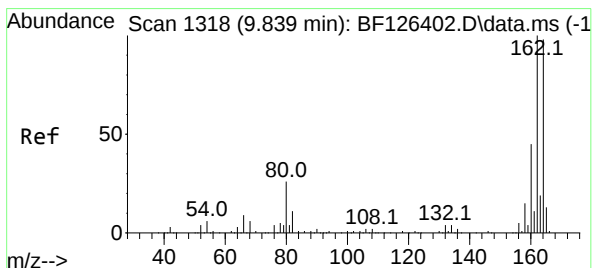
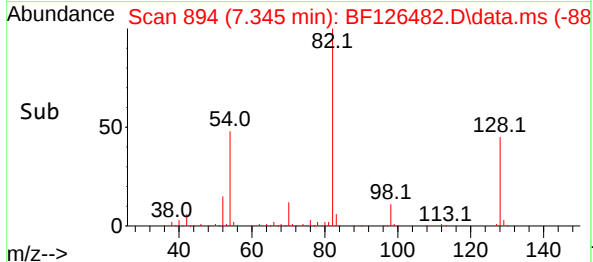
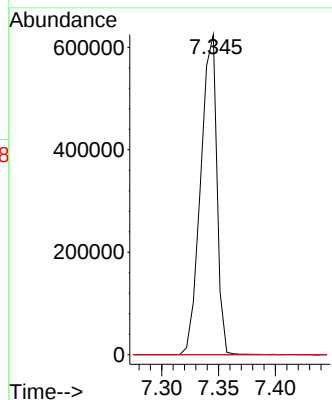
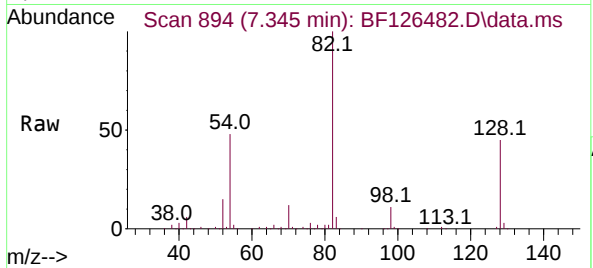




#25
Isophorone
Concen: 33.665 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

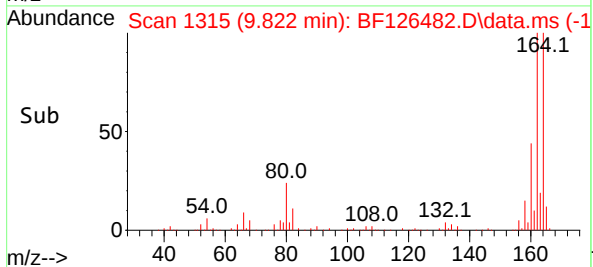
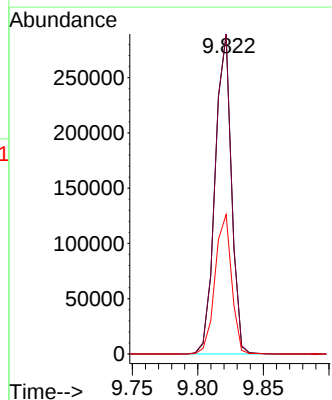
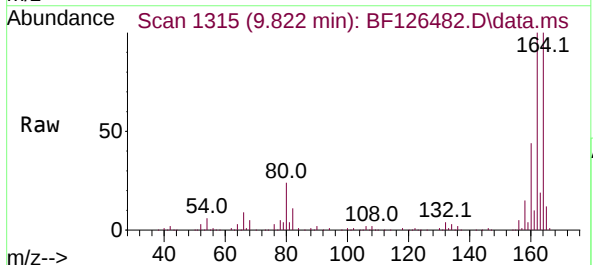
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10)

Tgt Ion: 82 Resp: 618357
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

Tgt Ion:164 Resp: 249924
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 94.331 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126482.D

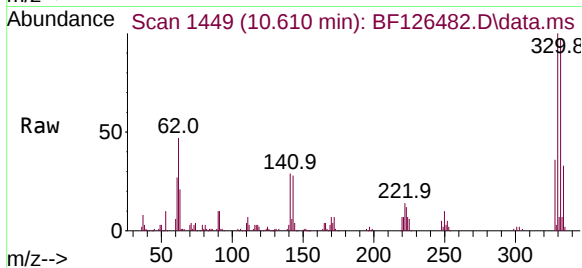
Acq: 4 Jan 2022 22:41

Instrument :

BNA_F

ClientSampleId :

SB-6-(9.5-10)



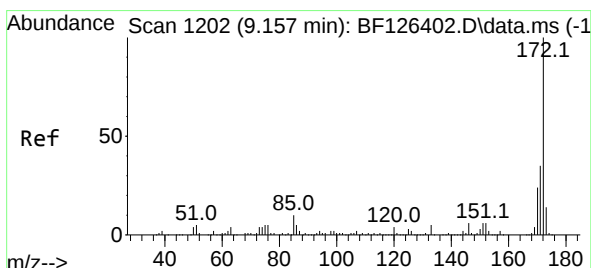
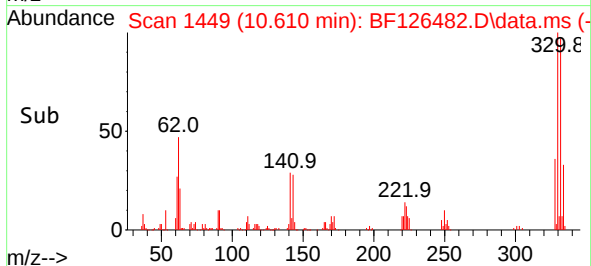
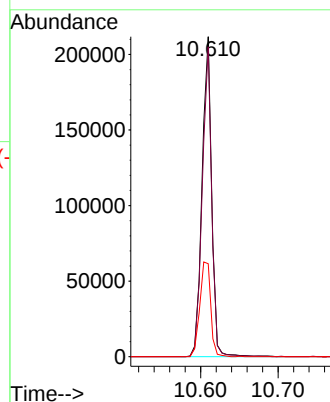
Tgt Ion:330 Resp: 182180

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 33.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 63.333 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126482.D

Acq: 4 Jan 2022 22:41

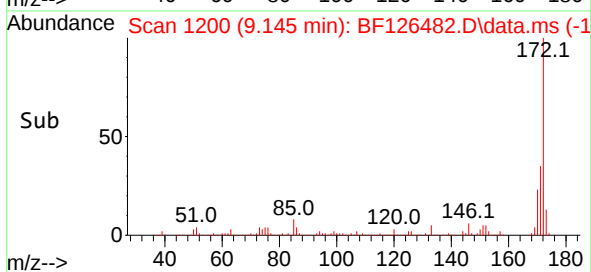
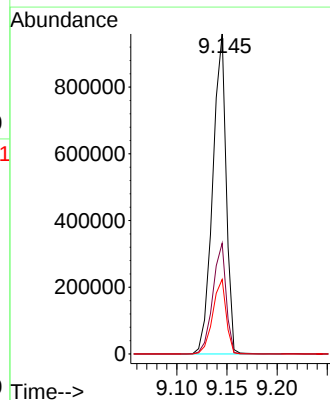
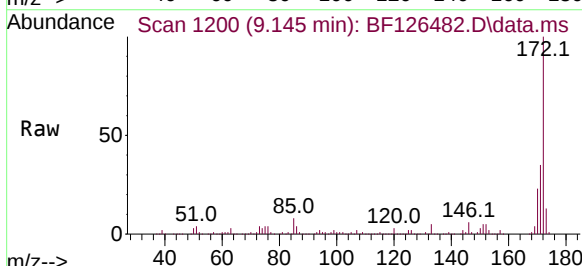
Tgt Ion:172 Resp: 899477

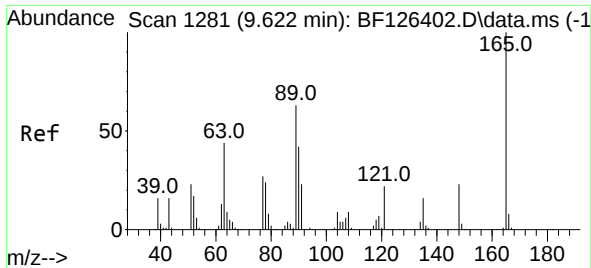
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.3 19.0 28.6

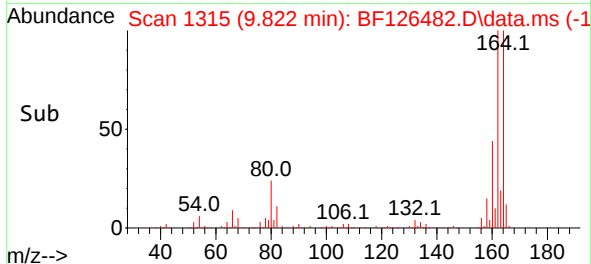
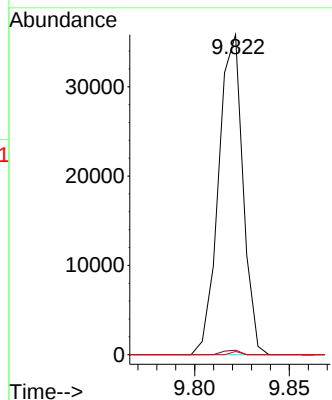
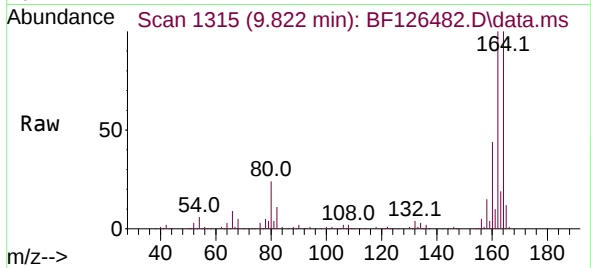




#51
2,6-Dinitrotoluene
Concen: 9.512 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

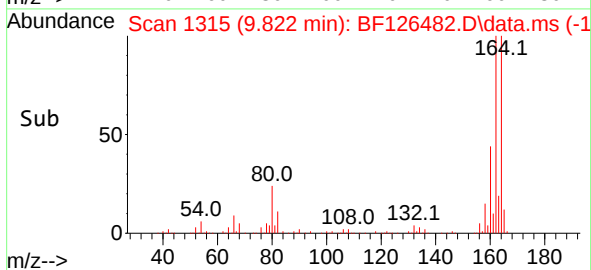
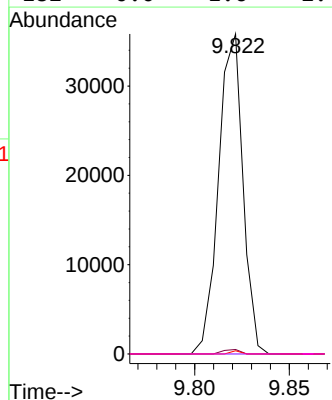
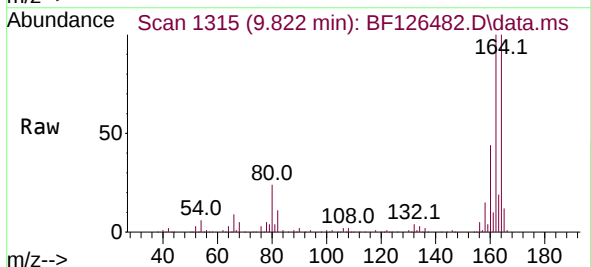
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10)

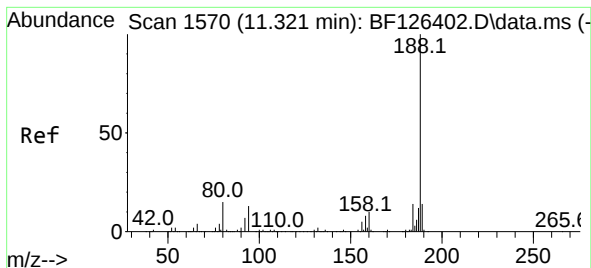
Tgt Ion:165 Resp: 32051
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.373 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

Tgt Ion:165 Resp: 32051
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126482.D

Acq: 4 Jan 2022 22:41

Instrument :

BNA_F

ClientSampleId :

SB-6-(9.5-10)

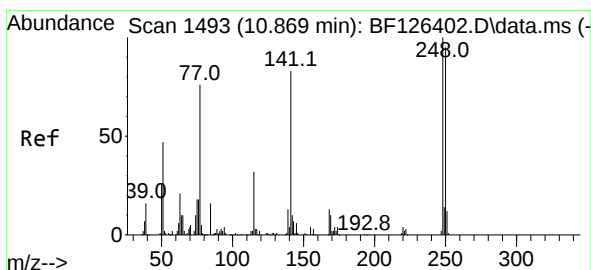
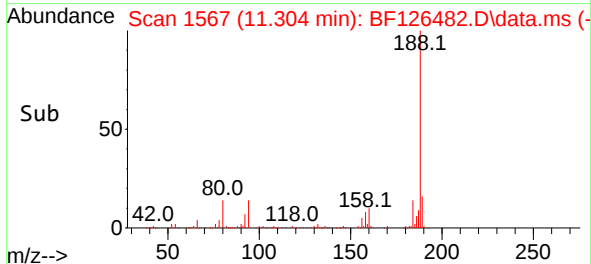
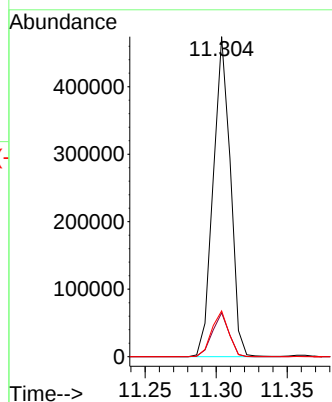
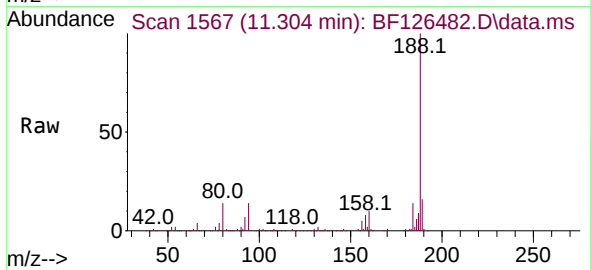
Tgt Ion:188 Resp: 398972

Ion Ratio Lower Upper

188 100

94 13.7 10.1 15.1

80 14.3 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 2.826 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126482.D

Acq: 4 Jan 2022 22:41

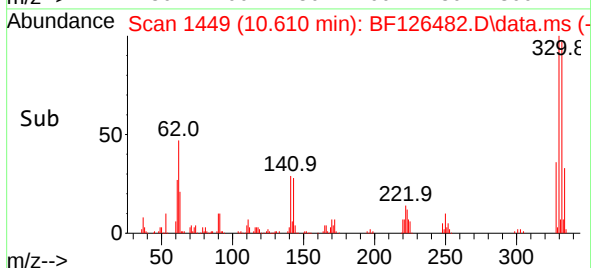
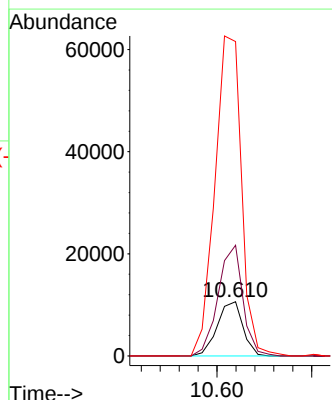
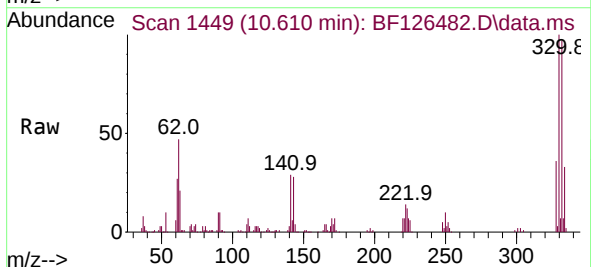
Tgt Ion:248 Resp: 10009

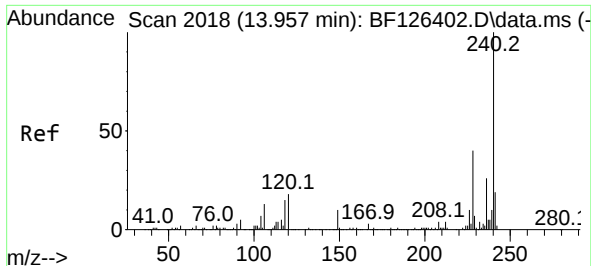
Ion Ratio Lower Upper

248 100

250 204.0 76.2 114.4#

141 579.0 66.2 99.4#

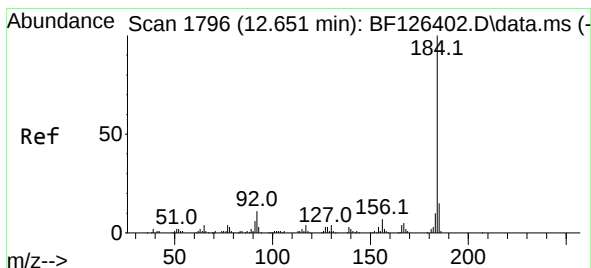
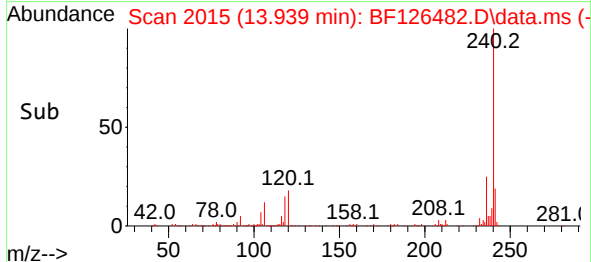
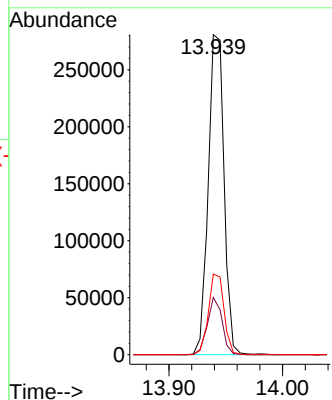
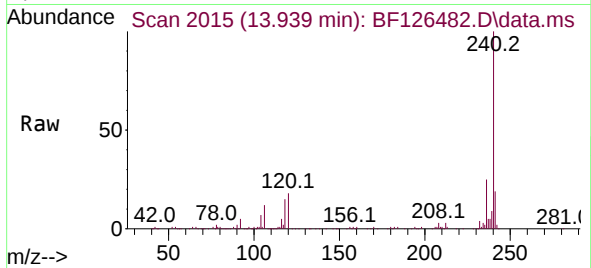




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

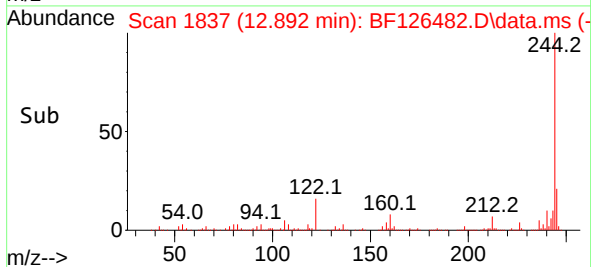
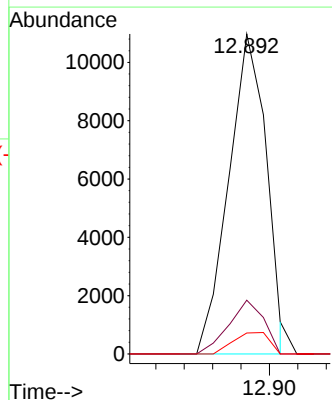
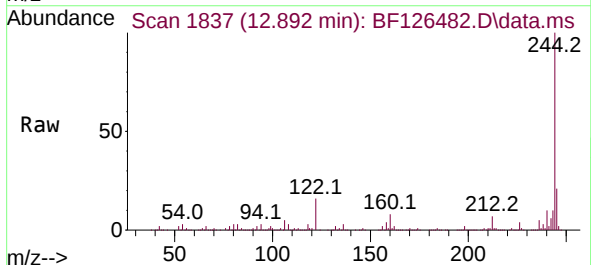
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10)

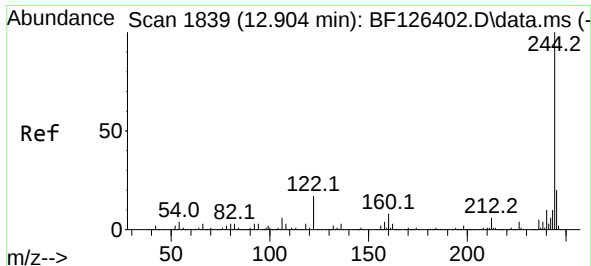
Tgt Ion:240 Resp: 271452
Ion Ratio Lower Upper
240 100
120 17.9 14.4 21.6
236 25.2 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126482.D
Acq: 4 Jan 2022 22:41

Tgt Ion:184 Resp: 10129
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.8
183 6.6 8.2 12.2#

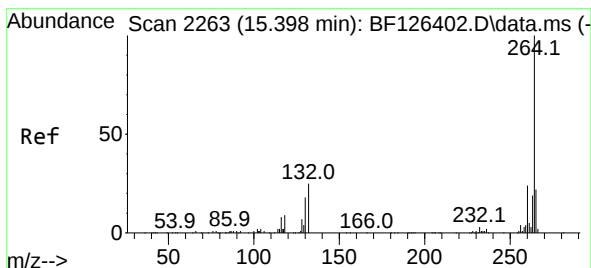
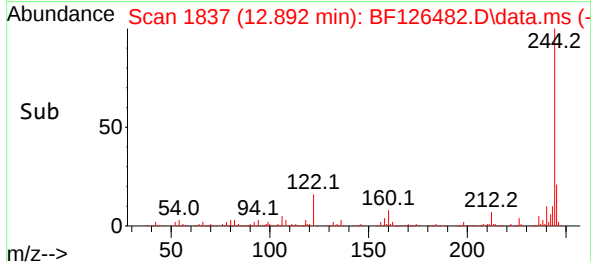
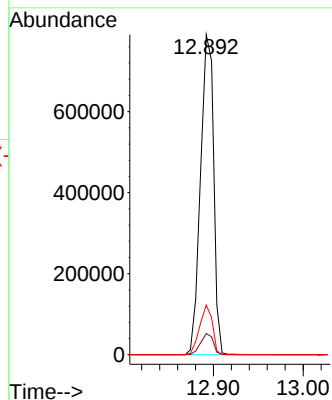
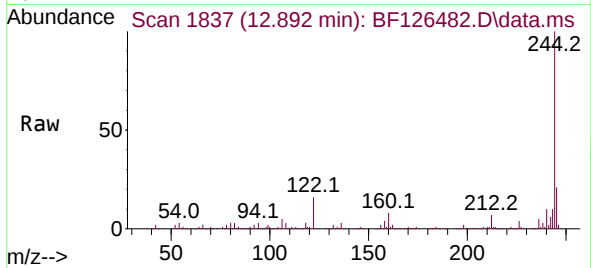




#79
 Terphenyl-d14
 Concen: 57.462 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126482.D
 Acq: 4 Jan 2022 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10)

Tgt Ion:244 Resp: 802815
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 15.5 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126482.D
 Acq: 4 Jan 2022 22:41

Tgt Ion:264 Resp: 223367
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.2

